Amendments to the Claims:

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claim 1 **(currently amended)**: A scan type display optical system comprising:

a mirror;

a first rotation mechanism which rotates the mirror ~~an optical scanning device which includes a mirror that is rotated~~ to deflect and scan light with the mirror;

a second rotation mechanism which supports and rotates the first rotation mechanism ~~optical scanning device~~; and

a projection optical system which has a plurality of optical surfaces including a reflective surface and projects the light from the mirror ~~optical scanning device~~,

wherein an incidence range of the deflected and scanned light to a first optical surface of the plurality of optical surfaces on which the deflected and scanned light is incident initially ~~out of the plurality of optical surfaces~~ is variable by rotating the mirror ~~optical scanning device~~ through the first and the second mechanisms ~~mechanism~~.

Claim 2 (**original**): The scan type display optical system according to claim 1, wherein the position on a projection surface of an image formed by projection light from the projection optical system is changed by varying the incidence range of the light to the first optical surface.

Claim 3 (**canceled**).

Claim 4 (**original**): The scan type display optical system according to claim 1, wherein the incidence range of the light to the first optical surface is changed by rotating an optical member constituting the scan type display optical system around an entrance pupil of the projection optical system.

Claim 5 (**currently amended**): A scan type display optical system, comprising:

a mirror;

a first rotation mechanism ~~an optical scanning device~~ which rotates the mirror ~~includes a mirror that is rotated rotates~~ to deflect and scan light with the mirror;

a second mechanism which supports and rotates the first rotation mechanism ~~optical scanning device~~; and

a projection optical system which has a plurality of optical surfaces and projects the light from the mirror ~~the optical scanning device~~,

wherein the projection range of the deflected and scanned light projected from the projection optical system is changed by rotating the mirror ~~optical scanning device~~ through the first and the second mechanisms ~~mechanism~~.

Claims 6-7 **(canceled)**.

Claim 8 (**original**): The scan type display optical system according to claim 1, wherein the projection optical system includes a reflective surface having curvature.

Claim 9 (**original**): The scan type display optical system according to claim 8, wherein the reflective surface has a rotational asymmetric aspheric shape.

Claim 10 (**currently amended**): The scan type display optical system according to claim 1, further comprising another mirror ~~a second optical scanning device~~,

wherein light incident on the mirror of the first rotation mechanism is deflected and scanned ~~the optical scanning device deflects and scans light~~ in a first direction by rotating the mirror, and ~~the second optical scanning device scans~~ the deflected and scanned light is scanned in a second direction orthogonal to the first direction by rotating the other mirror.

Claim 11 **(previously presented)**: A scan type image display apparatus comprising:

the scan type display optical system according to claim 1;

a modulation device which guides, modulated in accordance with an image signal, to the mirror.

Claim 12 **(previously presented)**: A scan type image display apparatus comprising:

the scan type display optical system according to claim 5; and

a modulation device which light, modulated in accordance with an image signal, to the mirror.

Claim 13 (**canceled**).

Claim 14 (**currently amended**): A scan type image display apparatus comprising:

the scan type display optical system according to claim 5;

a modulation device which guides light, modulated in accordance with an image signal, to the mirror; and

a controller which rotates the first rotation mechanism ~~optical scanning device~~ through the second mechanism based on a signal for changing the projection range.

Claim 15 **(previously presented)**: A scan type display optical system comprising:

a mirror which reflects an incident light;

a device which rotates the mirror; and

a mechanism which rotates the device.

Claim 16 **(previously presented)**: A scan type image display apparatus comprising:

the scan type display optical system according to claim 15; and

a modulation device which guides light, modulated in accordance with an image signal, to the mirror.

Claim 17 **(currently amended)**: A scan type display optical system which projects two dimensional image to a projected surface, comprising:

a projection optical system which has a plurality of reflective surfaces;

a mirror which reflects an incident light to guide the light to the projection optical system;

a first rotation mechanism ~~a device~~ which rotates the mirror; and

a second rotation mechanism which rotates the first rotation mechanism ~~device~~,

wherein the two dimensional image is projected to the projected surface by rotating the mirror through the first rotation mechanism and scanning the incident light, and

wherein the position of the two dimensional image on the projected surface is shifted by rotating the first rotation mechanism through the second rotation mechanism ~~device~~.

Claim 18 **(previously presented)**: A scan type image display apparatus comprising:

the scan type display optical system according to claim 17; and

a modulation device which guides the light, modulated in accordance with an image signal, to the mirror.

Claim 19-21 (**canceled)**.

Claim 22 (**new**): The scan type display optical system according to claim 1, wherein the first rotation mechanism vibrates the mirror.

Claim 23 (**new**): The scan type display optical system according to claim 5, wherein the first rotation mechanism vibrates the mirror.

Claim 24 (**new**): The scan type display optical system according to claim 15, wherein the first rotation mechanism vibrates the mirror.

Claim 25 (**new**): The scan type display optical system according to claim 17, wherein the first rotation mechanism vibrates the mirror.